



IEEE Xplore®
RELEASE 1.5

Welcome
United States Patent and Trademark Office

[Help](#) [FAQ](#)

[Quick Links](#)

[» Advanced Search](#)

[Terms](#) [IEEE Peer](#)

[Review](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

- 1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.
Example: optical (fiber fibre) ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

(distance <near/2> map*) <and>
(multiresolution <or> (multi resolution)
<or> pyramid* <or> hierarch*)

[Start Search](#)

[Clear](#)

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:

Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:

From year: to

Organize search results

by:

Sort by:

In: order

List Results per page



IEEE Xplore®
RELEASE 1.5

Welcome
United States Patent and Trademark Office

[Help](#) [FAQ](#)

[Quick Links](#)

» [Advanced Search](#)

[Terms](#) [IEEE Peer](#)

[Review](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

- 1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.
Example: optical (fiber fibre) ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

(distance map) <and> ((lower* <or>
reduc* <or> decreas*) <near/3>
resolution)

[Start Search](#)

[Clear](#)

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:

Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:

From year: to

Organize search results

by:

Sort by:

In: order

List Results per page



[Membership](#)
[Publications/Services](#)
[Standards](#)
[Conferences](#)
[Careers/Jobs](#)

IEEE Xplore[®]
RELEASE 1.5

Welcome
United States Patent and Trademark Office

[Help](#)
[FAQ](#)
[Quick Links](#)
[» Advanced Search](#)

[Terms](#)
[IEEE Peer Review](#)

Welcome to IEEE Xplore[®]

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

- 1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
- 2) Limit your search by using search operators and field codes, if desired.
Example: optical (fiber fibre) ti
- 3) Limit the results by selecting Search Options.
- 4) Click Search. See [Search Examples](#)

(distance <near/2> map*) <and> ((lower* <or> reduc* <or> decreas*) <near/3> resolution)

Start Search

Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: [More](#)

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) [More](#)

Search Options:

Select publication types:

- ☒ IEEE Journals
- ☒ IEE Journals
- ☒ IEEE Conference proceedings
- ☒ IEE Conference proceedings
- ☒ IEEE Standards

Select years to search:

From year: to

Organize search results

by:

Sort by:

In: order

List Results per page